

Certificate of Analysis

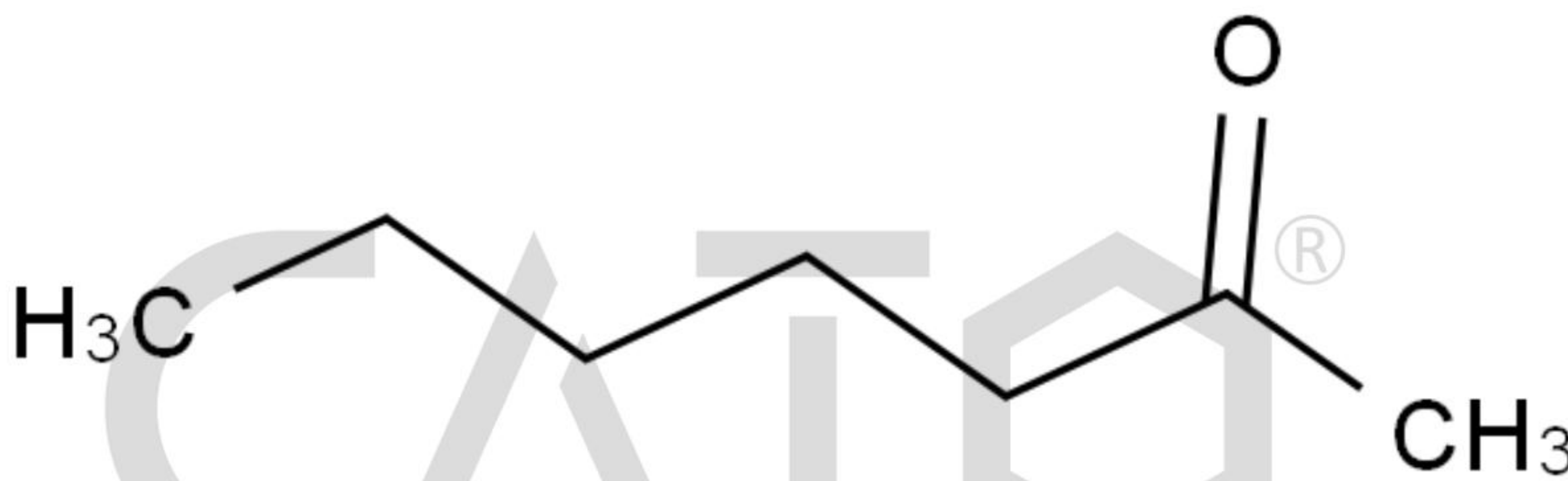
Reference Material & Standard

Product Name:	2-Heptanone	Catalogue Number:	CCEM500287
Synonyms:	N/A	Lot Number:	1215-RG-0169
CAS Number:	110-43-0	Expiry Date:	Dec 14, 2029
Molecular Formula:	C ₇ H ₁₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	114.19	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.3%
Assay	qNMR	98.2%
Uncertainty		±0.5%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 15, 2025

Date: Dec 16, 2025

Date: Dec 16, 2025



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